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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application No.	10/691,374
				Filing Date:	October 22, 2003
				First Named Inventor	Claire M. McCallum
				Art Unit	1638
				Examiner Name	TBD
Sheet	1	of	1	Attorney Docket Number	02,276-A

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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FOREIGN PATENT DOCUMENTS						
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INT		INNIS, ET AL., "PCR Protocols - A Guide to Methods and Applications", Academic Press, 1990, Pages 3-21.	

Examiner Signature	<i>Manish Kumar Narasim</i>	Date Considered	3/30/05
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

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Form PTO-1449 (modified)

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Atty. Docket No.
02,276-ASerial No.
10/691,374

List of Patents and Publications

Patent Application

Applicant

INFORMATION DISCLOSURE STATEMENT

McCallum, et al.

(Use several sheets if necessary)

Filing Date:
October 23, 2003Group:
UnknownU.S. Patent Documents
See Page 1Foreign Patent Documents
Page 1Other Art
See Pages 1-4

U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
MTS	A1	4,801,540	01/31/1989	Hiatt, et al.			01/02/1987
	A2	5,107,065	04/21/1992	Shewmaker, et al.			08/30/1988
	A3	5,387,747	02/07/1995	Bru-Magniez, et al.			02/18/1993
	A4	5,413,937	05/09/1995	Bridges, et al.			12/07/1993
	A5	5,442,052	08/15/1995	Bird, et al.			11/07/1991
	A6	5,453,566	09/26/1995	Shewmaker, et al.			08/27/1991
	A7	5,569,831	10/29/1996	DellaPenna			07/11/1994
	A8	5,759,829	06/02/1998	Shewmaker, et al.			05/05/1995
MTS	A9	5,994,075	11/30/1999	Goodfellow, et al.			05/16/1997

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
MTS	B1	WO 0063347	10/26/2000	PCT			
	B2						
	B3						

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
MTS	C1	AJ Hamilton, "Sense And Antisense Inactivation Of Fruit Ripening Genes In Tomato", Current Topics In Microbiol Immunol, Vol. 197, Pages 77-89, 1995.
	C2	Ali, et al., "Purification and Characterization of the Polygalacturonases of Tomato Fruits", Aust J. Plant Physiol, Vol. 9, Pages 155-169, 1982.
MTS	C3	Anthon, et al., "Thermal Inactivation of Pectin Methylesterase, Polygalacturonase, and Peroxidase in Tomato Juice", Journal of Agricultural and Food Chemistry, Vol. 50, Pages 6153-6159, 2002.

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Mina Juma Summ

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INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)

Form PTO-1449 (modified)		Atty. Docket No. 02,276-A	Serial No. 10/691,374
List of Patents and Publications for Applicant's INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant McCallum, et al.	
		Filing Date: October 23, 2003	Group: Unknown
		U.S. Patent Documents See Page 1	Foreign Patent Documents Page 1

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
MTS	C4	Bird, et al., "The Tomato Polygalacturonase Gene and Ripening-Specific Expression In Transgenic Plants", Plant Mol. Biol., Vol. 11, Pages 651-662, 1988.
	C5	Cantwell, M., "Report to the California Tomato Commission: Tomato Variety Trials: Postharvest Evaluations for 2001", January 8, 2002.
	C6	Chen, et al., "A Rapid DNA Miniprep Method Suitable for AFLP and Other PCR Applications", Plant Molecular Biology Reporter, V. 17, Pages 53-57, 1999.
	C7	Colbert, et al., "High-Throughput Screening for Induced Point Mutations", Plant Physiology, Vol. 126, Pages 480-484, June 2001.
	C8	Cooley, et al., "Insertional Inactivation Of The Tomato Polygalacturonase Gene", J.I., Plant Mol. Biol., Vol. 38 (4) Pages 521-530, 1998.
	C9	Cooley, et al., "Site-Selected Insertional Mutagenesis Of Tomato With Maize Ac And Ds Elements", Mol. Gen. Genet., Vol. 252 (1-2), Pages 184-194, 1996.
	C10	CJ Smith, et al., "Expression Of A Truncated Tomato Polygalacturonase Gene Inhibits Expression Of The Endogenous Gene In Transgenic Plants", Mol. Gen. Genet. Vol. 224(3), Pages 477-481, 1990.
	C11	D. Grierson, "cDNA Clone For Tomato Polygalacturonase", Nucleic Acids Res., Vol. 14 (21), Pages 8595-8603, November 1986.
	C12	DA Brumirell, "Cell Wall Metabolism In Fruit Softening And Quality And Its Manipulation In Transgenic Plants", Plant Mol. Biol., Vol. 47(1-2), Pages 311-340, September 2001.
	C13	Della Penna, et al., "Molecular Cloning of Tomato Fruit Polygalacturonase: Analysis of Polygalacturonase mRNA Levels During Ripening", Proc. Natl. Acad. Sci. U.S.A., Vol. 83, Pages 6420-6424, 1986.
	C14	Edan, Y., "Color and Firmness Classification of Fresh Market Tomatoes", Journal of Food Science, Vol. 62(4) Pages 793-796, 1997.
	C15	Errington, N., "Changes in the force relaxation and compression responses of tomatoes during ripening: The Effect of Continual Testing and Polygalacturonase Activity", Postharvest Biology and Technology, Vol. 11, Pages 141-147, 1997.
	C16	Fachin, et al., "Thermal and High-Pressure Inactivation of Tomato Polygalacturonase: A Kinetic Study", Journal of Food Science, Vol. 67, Pages 1610-1615, 2002.
	C17	Henikoff, et al., "Increased Coverage of Protein Families With the Blocks Database Servers", Nucl. Acids Res. Vol. 28, Pages 228-230, 2000.
	C18	Henikoff, et al., "Blocks+: A Non-Redundant Database Of Protein Alignment Blocks Derived From Multiple Compilations", Bioinformatics Vol. 15(6), Pages 471-479, 1999.
MD	C19	Henikoff, et al., "Automated Construction And Graphical Presentation Of Protein Blocks From Unaligned Sequences", Gene, ISSN 0378-1119 Amsterdam, Elsevier, Vol. 163, Pages GC17-GC26, 1995.

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Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
MTJ	C20	Kalaitzis, et al., "Three Different Polygalacturonases Are Expressed In Tomatoe Leaf And Flower Abscission, Each With A Different Temporal Expression Pattern", Plant Physiol, Vol. 113, Pages 1303-1308, 1997.
	C21	Kramer, et al., "Postharvest Evaluation Of Transgenic Tomatoes With Reduced Levels Of Polygalacturonase: Processing, Firmness And Disease Resistance", Postharvest Biology and Technology Vol. 1, Pages 241-255, 1992.
	C22	Lesage, et al., "Measurement of Tomato Firmness by Using a Non-Destructive Mechanical Sensor", Postharvest Biol. Tech., Vol. 8, Pages 45-55, 1996.
	C23	Li, et al., "Integrated Platform For Detection of DNA Sequence Variants Using Capillary Array Electrophoresis", Electrophoresis, Vol. 23(10), Pages 1499-1511, May 2002.
	C24	McCallum, et al., "Targeted Screening for Induced Mutations", Nature Biotechnology, Vol. 18, Pages 455-457, April 2000.
	C25	McCallum, et al., "Targeting Induced Local Lesions IN Genomes (Tilling) For Plant Functional Genomics", Plant Physiology, Vol. 123, Pages 439-442, June 2000.
	C26	Neff, et al., "dCAPS, A Simple Technique For The Genetic Analysis of Single Nucleotide Polymorphisms: Experimental Applications In Arabidopsis Thaliana Genetics", The Plant Journal, Vol. 14, Pages 387-392, 1998.
	C27	Oleykowski, et al., "Mutation Detection Using a Novel Plant Endonuclease", Nucleic Acids Research, Vol. 26, Pages 4597-4602, 1998.
	C28	Pressey, "Reevaluation Of The Changes In Polygalacturonases In Tomatoes During Ripening", Planta, Vol. 174, Pages 39-43, 1988.
MTJ	C29	R. Ju, et al., "Cloning Of Polygalacturonase (PG) Cdna And Inhibition Effects Of Its Antisense RNA On The Expression Of PG Gene In Transgenic Tomato Plants", Chin J. Biotechnol, Vol. 10(2), Pages 67-74, 1994.

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Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
MTJ	C30	Sheehy, et al., "Reduction of Polygalacturonase Activity in Tomato Fruit by Antisense RNA", PNAS, Vol. 85, Page 8805-8809, 1988.
	C31	Sitrit and Bennett, "Regulation Of Tomato Fruit Polygalacturonase mRNA Accumulation By Ethylene: A Re-Examination. Plant Physiol", Vol. 116, Pages 1145-1150, 1998.
	C32	Stewart, et al., "A Rapid CTAB DNA Isolation Technique Useful for RAPD Fingerprinting and Other PCR Applications", Bio Techniques, V. 14(5), Pages 748-749, 1993.
	C33	Vrebalov, et al., "A MADS-Box Gene Necessary for Fruit Ripening at the Tomato Ripening - inhibitor (Rin) Locus", Science, Vol. 296, Pages 343-346, 2002.
MTJ	C34	Zheng, et al., "Differential Expression of the Two Subunits of Tomato Polygalacturonase Isoenzyme 1 in Wild-Type and Rin Tomato Fruit", Plant Physiol., Vol. 105, Pages 1189-1195, 1994.

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